

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4630	((calcium phosphate) OR hydroxylapatite OR (Calcium dihydrogen phosphate) OR (Calcium hydrogen phosphate) OR (Tricalcium phosphate) OR hydroxyapatite) AND (monetite OR "CaHPO.sub.4" OR Apatite)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 11:47
S2	2613	S1 AND @ad<="20030603"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 11:48
S3	1122	S2 AND (plates OR plate\$like OR platelet)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 11:49
S4	187	S3 AND (plates OR plate\$like OR platelet) WITH (length OR size)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 11:49
S5	3702	(calcium phosphate) AND (monetite OR "CaHPO.sub.4" OR Apatite)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 11:51
S6	2064	S5 AND @ad<="20030603"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 11:51
S7	883	S6 AND (plates OR plate\$like OR platelet)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 11:51
S8	146	S7 AND (plates OR plate\$like OR platelet) WITH (length OR size)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 11:51
S9	99	S8 AND pH!	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 11:52
S10	53	S9 AND ((calcium salt) OR "CaCl.sub.2" OR Ca("NO.sub.3")".sub.2" OR (calcium chloride) OR (calcium nitr \$3))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 11:53
S11	53	S10 AND ((ammonium phosphate) OR (sodium phosphate) OR phosphate OR ("NH.sub.4.")".sub.2")("HPO.sub.4") OR ("NH.sub.4")("H.sub.2PO.sub.4"))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 11:55
S12	46	S11 AND heat\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 11:56
S13	43	S12 AND (separat\$3 OR filter \$3 OR centrifug\$5)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 11:57

S14	400	423/305.cds. AND @ad<="20030603"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 13:09
S15	199	423/155.cds. AND @ad<="20030603"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 13:10
S16	21	423/157.5.cds. AND @ad<="20030603"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 13:11
S17	28	423/161.cds. AND @ad<="20030603"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 13:12
S18	21	423/162.cds. AND @ad<="20030603"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 13:12
S19	1	"20040170699".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 13:19
S20	1	"20040116543".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 13:20
S21	1	"20040152789".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 13:21
S22	1	"20070179202".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 13:24
S23	1	"7247288".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 13:25
S24	1	"5427754".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 13:26
S25	1	"20030017189".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 13:26
S26	1	"5051401".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 13:26
S27	1	"4603006".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 13:27
S28	1	"6159437".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 13:27
S29	1	"5709875".pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 13:32
S30	11	(S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S29) AND @ad<="20040628"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/02 13:34
S31	7	(S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S29) AND @ad<="20030628"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/02 13:35
S32	7	(S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S29) AND @ad<="20030630"	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/02 13:35
S33	7	(S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S29) AND (ammonium OR "NH.sub.4")	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/02 14:30
S34	6	("2605229"   "20010032968"   "3027229"   "4337241"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/02 14:53

S35	1	"5073357".pn.	US-PGPUB; USPAT	ADJ	ON	2009/02/02 15:07
S36	7	("4603006"   "4721615"   "5051401"   "5427754"   "5782971"   "6159437"   "7247288").PN.	US-PGPUB; USPAT	ADJ	ON	2009/02/02 15:21
S37	187	(S4 OR S13)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 15:39
S38	74	S37 AND (ammonium OR "NH.sub.4")	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/02 15:39
S39	61	S38 AND pHl	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 15:39
S40	41	S39 AND ((calcium salt) OR "CaCl.sub.2" OR Ca("NO. sub.3").sub.2" OR (calcium chloride) OR (calcium nitr \$3))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 15:40
S41	41	S40 AND ((ammonium phosphate) OR (sodium phosphate) OR phosphate OR ("NH.sub.4.")". sub.2" ("HPO.sub.4") OR ("NH.sub.4")("H.sub.2PO. sub.4"))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 15:40
S42	39	S41 AND heat\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 15:40
S43	39	S42 AND (separat\$3 OR filter \$3 OR centrifug\$5)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 15:40
S44	4	S14 AND (S15 S16 S17 S18)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/02 15:43
S45	657	(S14 S15 S16 S17 S18)	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/02 15:43
S46	1	S43 AND S45	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/02 15:44
S47	28	S13 AND thick\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/02 15:54
S48	15	S13 AND (ammonium OR "NH.sub.4")	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/02 15:54
S49	12	S47 AND S48	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/02 15:54
S50	12	((US-20070179202-\$ or US- 20030045621-\$).did. or (US- 7247288-\$ or US-5427754-\$ or US-6159437-\$ or US- 6890984-\$ or US-6033780-\$ or US-5030474-\$ or US- 4335086-\$ or US-4207306-\$ or US-4178355-\$ or US- 4097935-\$).did.	US-PGPUB; USPAT	ADJ	ON	2009/02/02 17:13

S51	11	S50 AND (ammonium OR "NH.sub.4")	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/02 17:14
S52	0	"0322250".pn.	EPO; DERWENT	OR	ON	2009/02/02 17:16
S53	4	"322250".pn.	EPO; DERWENT	OR	ON	2009/02/02 17:16
S54	2152	((calcium phosphate) OR hydroxylapatite OR (Calcium dihydrogen phosphate) OR (Calcium hydrogen phosphate) OR (Tricalcium phosphate) OR hydroxyapatite) AND (monetite OR "CaHPO.sub.4" OR Apatite)	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/02 17:19
S55	1711	S54 AND @ad< = "20030603"	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/02 17:20
S56	81	S55 AND (plates OR plate \$like OR platelet OR tablet)	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/02 17:20
S57	2	S56 AND (plates OR plate \$like OR platelet OR tablet) WITH (length OR size)	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/02 17:21
S58	25	S56 AND pH!	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/02 17:23
S59	5	S58 AND ((calcium salt) OR "CaCl.sub.2" OR Ca("NO.sub.3").sub.2" OR (calcium chloride) OR (calcium nitr \$3))	FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2009/02/02 17:23
S60	13	((US-20030045621-\$).did. or (US-7247288-\$ or US-5427754-\$ or US-6159437-\$ or US-6890984-\$ or US-6033780-\$ or US-5030474-\$ or US-4335086-\$ or US-4207306-\$ or US-4178355-\$ or US-4097935-\$).did. or (EP-322250-\$).did. or (US-20030049329-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2009/02/02 17:42
S61	1	S60 AND monetite	US-PGPUB; USPAT	ADJ	ON	2009/02/02 17:42
S62	5	S60 AND "CaHPO.sub.4"	US-PGPUB; USPAT	ADJ	ON	2009/02/02 17:43
S63	331	monetite OR CaHPO	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/13 14:45

S64	157	S63 AND @ad<="20030603"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/13 14:46
S65	39	S64 AND (length OR thick\$4 OR size) SAME (nm! OR nano \$6)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/13 14:47
S66	1497	monetite OR "CaHPO.sub.4"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/13 14:50
S67	157	S64 AND @ad<="20030603"	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/13 14:50
S68	39	S67 AND (length OR thick\$4 OR size) SAME (nm! OR nano \$6)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/13 14:50
S69	38	S68 AND (plate\$5 OR grain OR granular OR rectangular)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/02/13 14:51
S70	17	(US-20030045621-\$ or US- 20030183963-\$ or US- 20030082232-\$ or US- 20030031698-\$).did. or (US- 7247288-\$ or US-5427754-\$ or US-6159437-\$ or US- 6890984-\$ or US-6033780-\$ or US-5030474-\$ or US- 4335086-\$ or US-4207306-\$ or US-4178355-\$ or US- 4097935-\$ or US-7150879- \$).did. or (EP-322250-\$).did. or (US-20030049329-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	ADJ	ON	2009/02/13 19:00
S71	13	S70 AND pH!	US-PGPUB; USPAT	ADJ	ON	2009/02/13 19:00
S72	1	"20060239884".pn.	US-PGPUB; USPAT	ADJ	ON	2010/01/14 12:27
S73	400	423/305.cds. AND @ad<="20030603"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/15 13:47
S74	199	423/155.cds. AND @ad<="20030603"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/15 13:47
S75	21	423/157.5.cds. AND @ad<="20030603"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/15 13:47
S76	28	423/161.cds. AND @ad<="20030603"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/15 13:47
S77	21	423/162.cds. AND @ad<="20030603"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/15 13:47
S78	657	(S73 S74 S75 S76 S77)	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/15 13:47

S79	142	S78 AND (((calcium phosphate) OR hydroxylapatite OR (Calcium dihydrogen phosphate) OR (Calcium hydrogen phosphate) OR (Tricalcium phosphate) OR hydroxyapatite) OR (monetite OR "CaHPO.sub.4" OR Apatite))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/15 13:50
S80	11	S79 AND (length OR thick\$4 OR size OR diameter) SAME (nm! OR nano\$6)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/15 13:50
S81	68	deficient apatite	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/15 13:51
S82	40	S81 AND @ad<= "20030603"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/15 13:51
S83	4	S82 AND (length OR thick\$4 OR size OR diameter) SAME (nm! OR nano\$6)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/15 13:51
S84	119	S79 AND separat\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/15 13:53
S85	10	S84 AND (length OR thick\$4 OR size OR diameter) SAME (nm! OR nano\$6)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/15 13:53
S86	140	S78 AND (((calcium phosphate) OR (Calcium dihydrogen phosphate) OR (Calcium hydrogen phosphate) OR (Tricalcium phosphate)) OR (monetite OR "CaHPO.sub.4" OR Apatite))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/15 13:56
S87	117	S86 AND separat\$3	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/15 13:56
S88	10	S87 AND (length OR thick\$4 OR size OR diameter) SAME (nm! OR nano\$6)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/01/15 13:56
S89	4111	((calcium phosphate) OR hydroxylapatite OR (Calcium dihydrogen phosphate) OR (Calcium hydrogen phosphate) OR (Tricalcium phosphate) OR hydroxyapatite) SAME (monetite OR "CaHPO.sub.4" OR Apatite)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/27 15:29
S90	1832	S89 AND @ad<= "20030603"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/27 15:29
S91	1682	S90 AND (aqueous OR water OR aq! OR "H.sub.2O")	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/27 15:30

S92	1146	S91 AND crystal\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/27 15:30
S93	981	S92 AND (separat\$3 OR dispers\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/27 15:31
S94	262	S93 AND (length OR thick\$4 OR size OR diameter) WITH (nm! OR nano\$6 OR Angstrom)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/27 15:32
S95	30	S94 AND (monetite OR (predominant monetite) OR (deficient Apatite))	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/27 15:34
S96	21	S95 AND (separat\$3 OR dispers\$3) WITH (aqueous OR water OR aq! OR "H. sub.2O")	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/27 15:34
S97	1	"20060239884".pn.	US-PGPUB; USPAT	ADJ	ON	2010/10/29 04:20
S98	1	"7807724".pn.	US-PGPUB; USPAT	ADJ	ON	2010/10/29 08:33
S99	4118	((calcium phosphate) OR hydroxylapatite OR (Calcium dihydrogen phosphate) OR (Calcium hydrogen phosphate) OR (Tricalcium phosphate) OR hydroxyapatite) SAME (monetite OR "CaHPO.sub.4" OR Apatite)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/29 09:31
S100	1832	S99 AND @ad<="20030603"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/29 09:31
S101	1682	S100 AND (aqueous OR water OR aq! OR "H. sub.2O")	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/29 09:31
S102	1146	S101 AND crystal\$5	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/29 09:31
S103	981	S102 AND (separat\$3 OR dispers\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/29 09:31
S104	262	S103 AND (length OR thick \$4 OR size OR diameter) WITH (nm! OR nano\$6 OR Angstrom)	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/29 09:31
S107	400	423/305.ccls. AND @ad<="20030603"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/29 09:32
S108	199	423/155.ccls. AND @ad<="20030603"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/29 09:32
S109	21	423/157.5.ccls. AND @ad<="20030603"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/29 09:32
S110	28	423/161.ccls. AND @ad<="20030603"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/29 09:32

S111	21	423/162.cds. AND @ad<="20030603"	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/29 09:32
S112	657	(S107 S108 S109 S110 S111)	US-PGPUB; USPAT; USOCR	OR	ON	2010/10/29 09:32
S113	5	S104 AND S112	US-PGPUB; USPAT; USOCR	ADJ	ON	2010/10/29 09:32
S114	400	423/305.cds. AND @ad<="20030603"	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/07/12 17:07
S115	199	423/155.cds. AND @ad<="20030603"	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/07/12 17:07
S116	21	423/157.5.cds. AND @ad<="20030603"	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/07/12 17:07
S117	28	423/161.cds. AND @ad<="20030603"	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/07/12 17:07
S118	21	423/162.cds. AND @ad<="20030603"	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/07/12 17:07
S119	657	(S114 S115 S116 S117 S118)	US-PGPUB; USPAT; USOCR	OR	ON	2011/07/12 17:07
S120	59	S119 AND ((calcium phosphate) OR hydroxylapatite OR (Calcium dihydrogen phosphate) OR (Calcium hydrogen phosphate) OR (Tricalcium phosphate) OR hydroxyapatite) SAME (monetite OR "CaHPO.sub.4" OR Apatite)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/07/12 17:08
S121	6	S120 AND (length OR thick \$4 OR size OR diameter) WITH (nm! OR nano\$6 OR Angstrom)	US-PGPUB; USPAT; USOCR	ADJ	ON	2011/07/12 17:08

7/ 13/ 2011 4:54:19 PM

C:\Documents and Settings\bmartinez\My Documents\EAST\Workspaces\ 10562526.wsp